Substitute for form 12 PACE INFORMATION DISCLOSURE Complete if Known Application Number 10/791,166 Filing Date March 1, 2004 STATEMENT BY APPLICANT First Named Inventor Charo, Israel F. Art Unit **Not Yet Assigned** (use as many sheets as necessary) Examiner Name Not Yet Assigned

U.S. PATENT DOCUMENTS+							
		Document Number	•		•		
Examiner Initials*	Cite No. ¹	Number Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear		
VK	A	US-5,413,778	05-09-1995	Kunkel et al.			
DK	AB	US-5,480,955	10-24-1995	Mosher et al.			
DK	AC	US-5,547,854	08-20-1986	Donahoe et al.			
DK	AD	US-5,776,729	07-07-1998	Soppet et al.			
TK	AE	US-6,084,075	07-04-2000	Lind et al.			
ΔK.	AF	US-6,312,689	· 11-06-2001	LaRosa			
VK	AG	US 2002/0038489	03-28-2002	Dean et al.			
VK	AH	US-6,403,767	06-11-2002	Graham et al.			
DIR	Al	US-2002/0150877	10-17-2002	Augustus			
TK	AJ.	US-2003/0113798	06-19-2003	Burmer et al			
VZ.	AK	US-2003/0186889	10-02-2003	Forssmann et al.			
DK	AL	US 6,730,301 B1	05-04-2004	Charo et al.			

Attorney Docket Number

02307K-085041US

				FOREIGN PA	TENT DOCUME	ENTS		
Examiner Initials*	Cite No.1	For	Foreign Patent Document Country Code Number Kind Code* (# known)		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	·
VK	AM	wo	94/07542	•	04-1994	Kunke		
			NO	N PATENT LIT	ERATURE DO	· · · · · · · · · · · · · · · · · · ·		
Examiner Initials *	Cite No.1	Include nan (book, m	ne of the author agazine, journa	al, serial, symposit	TERS), title of the um, catalog, etc.), ound/or country when	article (when appropriate late, page(s), volume-issu e published.	, title of the item ue number(s),	T²
DK.	AN		AUSUBEL, F.M. "Current Protocols in Molecular Biology", 1994,Wiley & Sons, New York Vol. 1, pp. 6.11.11-6.11.16					
DK	AO	BORK, et al.;"Go hunting in sequence databases but watch out for the traps"; 1996, Trends in Genetics, Vol 12, pp.425-427.						
DK	АР	BORK,; "Powers and Pitfalls in Sequence Analysis: The 70% Hurdle"; 2000, Genome Research, Vol.10, pp.398-400.						
DK	AQ	BRENNER, ; "Errors in genome annotation";1999, <u>Trends in Genetics</u> Vol.15, pp.132-133.						
DK	AR	CHARO, I.F., et al, "Molecular cloning and functional expression of two moncyte chemoattractant protein 1 receptors reveals alternative splicing of the carboxyl-terminal tails,"; 1994, Proc. Natl. Acad. Sci. U.S.A., Vol. 91, pp. 2752-2756.					noattractant Proc. Natl. Acad.	
DK	AS	CUSHING, et al. "Minimally modified low density lipoprotein induces monocyte chemotactic protein 1 in human endothelial cells and smooth muscle cells";1990, Proc. Natl. Acad. Sci., Vol. 87, pp.5134-5138.						
DK	DOERKS, et al.; "Protein annotation: detective work for function prediction"; 1998, <u>Trends in Genetics</u> , Vol. 14, pp.248-250.							
Examine	. (1-10	1/		Date	1/6/		

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Applicant's unique citation designation number (optional). Applicant is to place a check mark here if English language Translation is attached.

Considered

Signature

Sheet

Substitute for form 1449B/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Complete if Known Application Number 10/791,166 Filing Date March 1, 2004 First Named Inventor Charo, Israel F. Art Unit Not Yet Assigned Exeminer Name Not Yet Assigned Attorney Docket Number 02307K-085041US

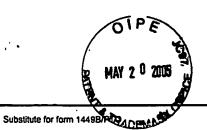
(use as many sheets as necessary) Sheet 3

FOREIGN PATENT DOCUMENTS									
Examiner Initials*	Cite No.1	Foreign Patent Document Country Code ³ Number ⁴ Kind Code ⁵ (# known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T°			
DK	AU	EDGINGTON, S.M., "Chemokines In Cardio 681.	vascular Disease	";1993, <u>Bio/Technology</u> \	/ol. 11, pp.676-				
9K	AV	FAGGIOTTO, et al. "Studies of Hypercholes to Fatty Streak Formation";1984, Arterioscle	FAGGIOTTO, et al. "Studies of Hypercholesterolemia in the Nonhuman Primate-I. Changes that Lead to Fatty Streak Formation";1984, Arteriosclerosis Vol. 4, No. 4, pp. 323-340.						
VK	AW	FURUTANI, et al., "Cloning and sequencing of the cDNA for human monocyte chemotactic and activating factor (MCAF)";1989, <u>Biochemical and Biophysical Research Communications</u> Vol. 159, No. 1, pp.249-255.							
DK	AX		GAO, et al., "Structure and functional expression of the human macrophage inflammatory protein 1.alpha./RANTES receptor";1993, The Journal of Experimental Medicine Vol. 177, pp.1421-1427.						
DK	AY	GEARING, David P. et al. "Expression cloni colony-stimulating factor";1989, Science, Vo			acrophage				
DK	AZ	HEMMERICH, et al.;"Identification of Residues in the Monocyte Chemotactic Protein-1 That Contact the MCP-1 Receptor, CCR2."; 1999, Biochemistry , Vol. 38, pp.13013-13025.							
DK	ВА	HOLMES, et al. "Structure and functional expression of a human interleukin-8 receptor"; 1991, Science Vol. 253, pp.1278-1280.							
DK	88	HUANG, et al.;"Absence of Monocyte Chernoattractant Protein 1 in Mice Leads to Decreased Local Macrophag Recruitment and Antigen-Specific T Helper Cell Type"; 2001, <u>J. Exp. Med.</u> Vol.193, No. 6., pp. 713-725.							
DK	ВС	JOBLING et al.; "Analysis of structure and function of the B subunit of cholera toxin by the use of site- directed mutagenesis";1991, Mol. Microbiol., Vol. 5, No. 7, pp.1755-1767.							
7K	BD	JONES et al., "Potential Role of Monocyte Chemoattractant Protein 1/JE inMonocyte/Macrophage- Dependent IgA Immune Complex Alveolitis in the Rat";1992, The Journal of Immunology Vol. 149, pp. 2147-2154.							
DK	BE	KOCH et al., "Enhanced production of monocyte chemoattractant protein-1 in rheumatoid arthritis"; 1992, The Journal of Clinical Investigation, Inc., Vol. 90, pp.772-779.							
DK	BF	MACK, et al.;"Expression and Characterizat Mice."; 2001, <u>Journal of Immunology</u> , Vol.	ion of the Chemo 166, pp. 4697-470	kine Receptors CCR2 ar 04.	nd CCR5 in	•			
TK	BG	MAUS, et al.;"The Role of CC Chemokine R Immigration in Intact Mice."; 2002, <u>Am. J. C</u>	leceptor 2 in Alve rit. Care Med. Vol	olar Monocyte and Neutr I.166, No. 3, pp. 268-273	rophil				
DK	ВН	MURPHY, P.M. et al., "Cloning of complementary DNA encoding a functional human interleukin-8 receptor";1991, Science Vol. 253, pp.1280-1283.							
TK	ВІ	NELKEN et al., "Monocyte chemoattractant Invest. Vol. 88 pp.1121-1127.	protein-1 in huma	an atheromatous plaques	s"; 1991, <u>J. Clin.</u>				
DK	BJ	NEOTE, et al., "Molecular cloning, functional Chemokine Receptor";1993, Cell Vol. 72, pl		I signaling characteristics	of a C-C				

Examiner Date Signature Considered

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Applicant's unique citation designation number (optional). Applicant is to place a check mark here if English language Translation is attached.



INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Complete if Known

Application Number 10/791,166

Filing Date March 1, 2004

First Named Inventor Charo, Israel F.

Art Unit Not Yet Assigned

Examiner Name Not Yet Assigned

Attomey Docket Number 02307K-085041US

Art Unit Not Yet As

(use as many sheets as necessary)

Examiner Name Not Yet As

Sheet 3 of 3 Attorney Docket Number 02307K-08

FOREIGN PATENT DOCUMENTS								
		Foreign Patent Document		Manage of Outcomes	Pages, Columns, Line	es,		
Examiner	Cite		Publication Date	Name of Patentee or	Where Relevant			
Initials*	No.	a a a 3 Alumbart a	MM-DD-YYYY		Passages or Releva	nt ro		
	γ	Country Code ³ Number ⁴ Kind Code ⁵ (# Innown)		Document	Figures Appear			
DK	ВК	NGO, et al.; "The Protein Folding Problem and Tertiary Structure Prediction", 1994, pp. 492-495.						
	 							
DK	BL	OPPENHEIM, et al., "Properties of Genes a Review of Immunology Vol. 9, pp. 620-648.	nd Gene Products	of the intercrine family";	1991, <u>Annual</u>			
DK	ВМ	REECK, et al.;"Homology in Proteins and Nucleic Acids: A Terminology Muddle and a Way out of It,"; 1987, Cell, Vol. 50, pp.667.						
DK	BN	ROLLINS, B.J. et al.;"Suppression of tumor formation in vivo by expression of the JE gene in malignant cells"; 1991, Molecular and Cellular Biology Vol. 11, No. 6, pp.3125-3131.						
DK	во	SKOLNICK, et al.; "From genes to protein si approaches in the genomic era"; 2000, Tren	SKOLNICK, et al.; "From genes to protein structure and function: novel applications of computational approaches in the genomic era"; 2000, <u>Trends in Biotech.</u> Vol. 18, No. 1, pp. 34-39.					
DK	ВР	SMITH, et al.; "The challenges of genome sequence annotation or "The devil is in the details"";1997, Nature Biotechnology Vol. 15, pp.1222-1223.						
DK	BQ	VAN RIPER et al.,;"Characterization and Species Distribution of High Affinity GTP-coupled Receptors for Human Rantes and Monocyte Chemoattractant Protein 1"; 1993, <u>J. Exp. Med. Vol.177</u> , pp.851-856.						
DK	BR	WALTER, et al.;"Macrophage Infiltration and Growth of Sarcoma Clones Expressing Different Amounts of Monocyte Chemotactic Protein/JE"; 1991, Int. J. Cancer Vol. 49, pp.431-435.						
DK	BS	WANG, et al.;"Identification of RANTES Receptors on Human MonocyticCells: Competition for Binding and Desensitization by Homologous Chemotactic .Cytokines";1993, The Journal of Experimental Medicine Vol. 177, pp.699-705.						
DK	ВТ	WATSON, S. et al.; "The G-Protein Linked Receptor-Facts Book";1994, London, Academic Press, Introduction, pp. 2-6.						
DK	BU	WELLS, James A.; "Additivity of Mutational Effects in Proteins"; 1990, Biochemistry Vol 29, No. 37, pp. 8509-8517.						
DK	BV	WOLPE, S.D. et al.; "Macrophage inflammatory proteins 1 and 2: members of a novel superfamily of cytokines";1989, The FASEB Journal Vol. 3, pp.2565-2573.						
DK	BW	YAMAGAMI, S. et al.,;"cDNA cloning and functional expression of a human monocyte chemoattractant protein 1 receptor,"; 1994, Biochem. Biophys. Res. Com., Vol. 202, No. 2 pp. 1156-1162.						
DK	вх	YLA-HERTTUALA, et al.; "Expression of monocyte chemoattractant protein 1 in macrophage-rich areas of human and rabbit atherosclerotic lesions";1991, Proc. Natl. Acad. Sci. Vol. 88, pp. 5252-5256.						
DK	BY	YOSHIMURA, Teizo et al.; "Identification of High Affinity Receptors for Human Monocyte Chemoattractant Protein-1 on Human Monocytes"; 1990, J. Immunology Vol.145, pp.292-297.						
DK	BZ	YOSHIMURA, et al.,;"Purification and amino chemoattractants";1989, The Journal of Exp	o acid analysis of t perimental Medicin	two human glioma-derive ne , Vol.169, pp.1449-14	ed monocyte 59.			

		Λ		/	
Examiner Signature	Yamil	E Kih	Date Considered	6/20/	05

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Applicant's unique citation designation number (optional). Applicant is to place a check mark here if English language Translation is attached.